

ABSTRACT

A control device of a fuel cell, capable of reducing a period for starting the fuel cell vehicle while protecting the fuel cell. At the time of starting the vehicle, the control device execute an idle charging an output voltage (estimated output voltage) of a fuel cell 11 for immediately after the vehicle commences movement, in the condition where, while in the idle charging state at the time of starting the fuel cell vehicle, in other words, the state wherein generation of power by the fuel cell 11 continues, and the value of the output current extracted from the fuel cell 11 is being restricted to an appropriate value by a current and voltage controller 12, a capacitor 13 is being charged with the restricted current. Then, the control apparatus 20, at the point in time when detected that the increased terminal voltage of the capacitor 13 due to charging from the fuel cell 11 has gone above the estimated output voltage, outputs to an output controller 14 a control command instructing commencement of power supply to a propulsion motor 15.